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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Task: 4632
4717
M/003/0087

February 24, 2012

Chris Faulhaber
Granite Construction Company
PO Box 30429
Salt Lake City, Utah 84130-0429

Subject: Initial Review of Notice of Intention to Commence Large Mining Operations, Granite Construction Company, Promontory Aggregate Facility, M/003/0085, Box Elder County, Utah

Dear Mr. Faulhaber:

The Division of Oil, Gas and Mining has completed a review of the referenced Notice of Intention to Commence Large Mining Operations (Notice) which was received January 13, 2012. The attached comments will need to be addressed before tentative approval may be granted.

The comments are listed under the applicable Minerals Rule heading; please format your response in a similar fashion. Please address only those items requested in the attached technical review by sending replacement pages of the original mining notice using **redline and strikeout** text. When the Notice is determined technically complete, you will be asked to submit two clean copies of the complete and corrected plan. Upon final approval, one copy will be stamped "approved" and returned for your records.

Please submit your response to this review by March 30, 2012, and please note that the Division intends to issue a new permit number for this site, i.e. it will be changing from that shown above.

The Division will suspend further review of the Notice until your response to this letter is received. Please contact me at 801-538-5261 or Lynn Kunzler, at 801-538-5310 if you have question about the review. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker
Minerals Program Manager

PBB: lk: eb

Attachment: Review

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**INITIAL REVIEW OF NOTICE OF INTENTION
TO COMMENCE LARGE MINING OPERATIONS
Granite Construction Company
Promontory Facility
M/003/0085
February 24, 2012**

General Comments:

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
1	General	Submittal should be formatted to easily incorporate additional revisions and amendments. (No response needed.)		
2	General	Additional comments from the Division can be generated in the future based on submittals received in the future. (No response needed.)		
3	Page 32	On Page 32 a general statement is made under 110.6 that you will follow 'the rules set forth and as stated in the Notice of Intent for the Morgan Aggregate Facility' – this should be changed to read Promontory Facility .		

R647-4-105 - Maps, Drawings & Photographs

General Map Comments

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
4		Please include a complete copy of a USGS 7.5 Minute Quadrangle map so that the Division can have UTM and Latitude and Longitude data. Also on the quadrangle map, please show the route to the mine.	whw	
5		Rule R647-4-105.1.12 has a list of features to be shown on a map. If these features are not present in the area, please include a statement to this effect in the text.	whw	

105.2 - Surface facilities map

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
6		Please include an operational map. This map should show topsoil storage areas, drainage controls and location of fuel storage. See R647-5-105.2.11.	whw	
7		Please include a list of equipment and structures that will be on site. All those items should be shown on the operational map and included in the reclamation cost estimate.	whw	

R647-4-106 - Operation Plan

106.3 - Estimated acreages disturbed, reclaimed, annually

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
8	Page 7, table 106.3-1,	Total acreage to be disturbed is confusing and needs to be corrected. The text on page 7 states both 42.5 acres and 43.8 acres. Table 106.3-1 only includes 37 acres, even though the total states 42.5 acres. Throughout the NOI, disturbed acreage figures range between a low of 37 acres and a high of 55 acres. Please correct.	Lk	

106.5 - Existing soil types, location, amount

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
9	Page 11	This page says 32,000 cubic yards of soil will be salvaged. Yet page 21 says no soil will be salvaged. Please correct page 21 to show that the 32,000 cubic yards of soil will be salvaged for later use in reclamation.	lk	

106.6 - Plan for protecting & re-depositing soils

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
10	Page 11	Please provide a seed mix of quick-growing grasses and forbs to be used to seed topsoil stockpiles.	lk	

R647-4-110 - Reclamation Plan

110.2 - Roads, highwalls, slopes, drainages, pits, etc., reclaimed

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
11	Page 28	Please provide the depth of topsoil replacement for reclamation.	lk	

110.4 - Description or treatment/disposition of deleterious or acid forming material

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
12	Page 30	Fuel and lubricants are considered potentially deleterious. Please discuss the removal of the fuel tank and secondary containment structure.	lk	

110.5 - Revegetation planting program

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
13	Page 31	Please provide the depth of ripping and the spacing between ripper teeth.	lk	

R647-4-113 - Surety

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
14		The escalation factor for 2012 is 1.2 percent.	whw	
15		For demolition costs please use the R.S. Means unit costs. If the type of demolition is not found in the Means references, please supply supporting information for the demolition costs. In general the Division does not use contractor quotes. The R.S. Means handbook is expensive and the Division will provide unit cost upon request.	whw	
16		Please provide the worksheets for earthwork costs; they are different from the demolition costs. Please use Blue Book rental and operating costs and Means labor costs.	whw	
17		Please use the worksheets for revegetation costs.	whw	